

# Heat Blanket and Controller Instructions

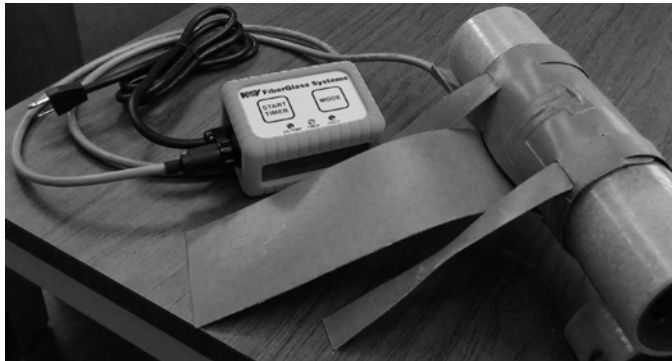
## Caution: Read Operating Instructions Before Using Heat Blanket

- Use only with 110-120 volt power outlet.
- Blanket should not be used in wet conditions.
- Tears, cuts or punctures in the blanket can create a potential safety hazard.

1. Use only the proper size heat blanket for the pipe being joined.

Model	Pipe Size	Volts	Watts
B	1"-3"	120	190
C	4"-8"	120	750
D	10"-14"	120	1300
E	16"-20"	120	1700

2. Wrap the blanket around the joint placing the thermistor side out and the smoother side of the blanket down against the joint. Wrap around the joint until reaching the overlap. Once the blanket starts to overlap, place the tail of the blanket through the slit in the thick end of the blanket and pull it tight. The entire joint should be covered now and the small amount of blanket left should be laid out off of the thermistor. Now run the straps around the pipe, put them through their respective slots, and then pull tight. This will ensure a tight-fitting heat blanket providing you with the best cure.



3. Flange joints require heating from the inside. First, lay the blanket flat with the thermistor down. Next, roll up the blanket from the tail so that once rolled up, the thermistor is facing out towards the inside of the pipe. Insert the blanket into the pipe or fitting to the depth of the adhesive joint. Leave the cord and the remaining part of the blanket exposed. The blanket may be held in position against the ID of the joint being heated by inserting a short section of smaller FRP pipe inside the rolled blanket.



4. Avoid excess flexing of the blanket while the heating wires are hot. Abnormal flexing of the hot wires can cause breakage and shorten the service life of the blanket.

5. DO NOT crease the heat blanket

6. DO NOT use cleaning solvents. Solvents penetrate the rubber and damage the heating wires.

7. DO NOT carry or move the blanket by lifting it with the cord alone. Support the weight of the blanket separately from the cord to avoid abusing the cord-to-blanket connection.

Improper sizing or use of the heat blankets can cause excess heating which can damage both the piping and heat blankets. The heating wires expand when heated and can be damaged by flexing while hot.

### Controller

1. Plug in blanket to controller
2. Plug in controller
3. Press "MODE"
4. Wait until all LEDs stop flashing
5. Press "Start", the timer light should start flashing and the temp light should come on.
6. Leave blanket on until "timer" and "temp" lights stay solid, this means that the blanket is done cycling.
7. Unplug and remove blanket
8. DO NOT submerge the controller in water.

If the fault light is bright, unplug blanket and controller. Retry later and if the problem persists, send both the blanket and controller back to Fiber Glass Systems.

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